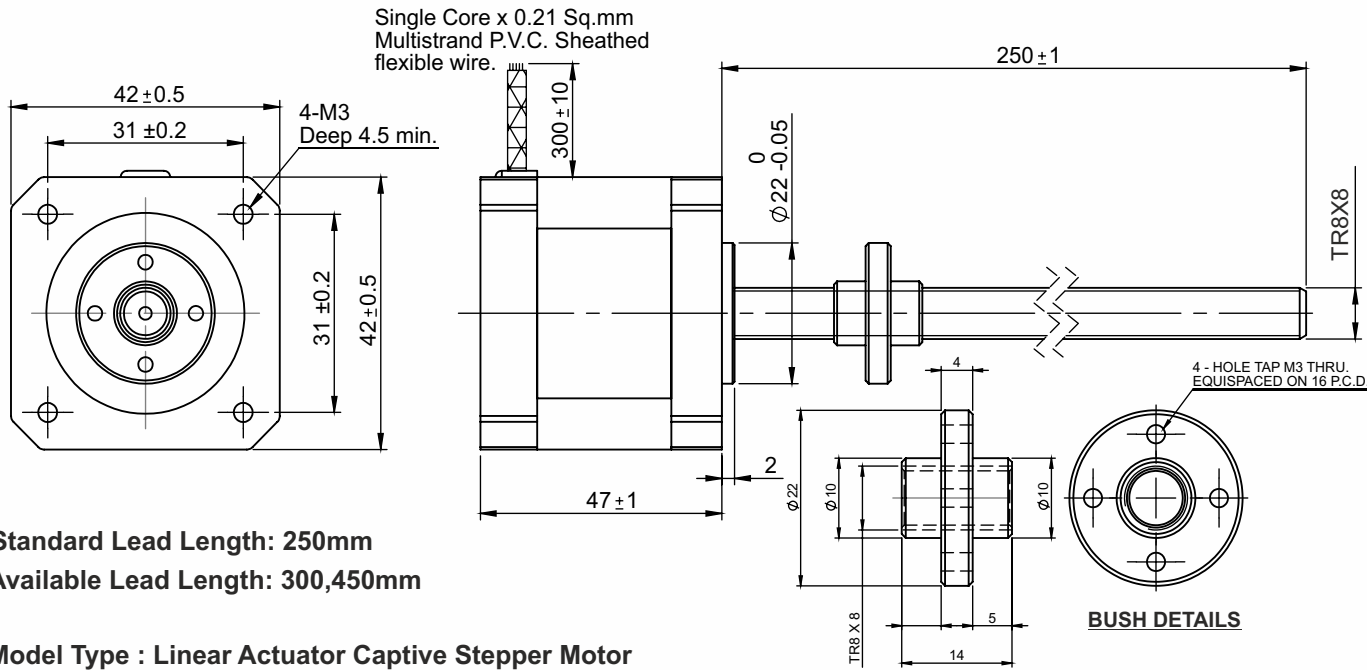


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 47 - 1704 LA (250/300/450)
(TR8 X 8)
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

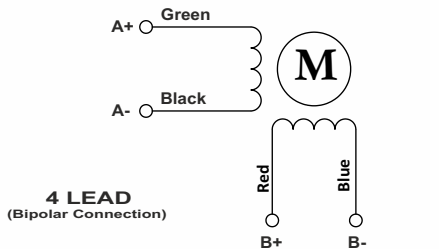
- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance 100 M Ohms Min.500 VDC
- Dielectric Strength 500 VAC For One Minute
- Shaft Radial Play 0.02 Max. Play (450 G Load)
- Shaft Axial Play 0.08 Max. Play (450 G Load)
- Max.Radial Force 28 N (20MM From Front Flange)

SPECIFICATION

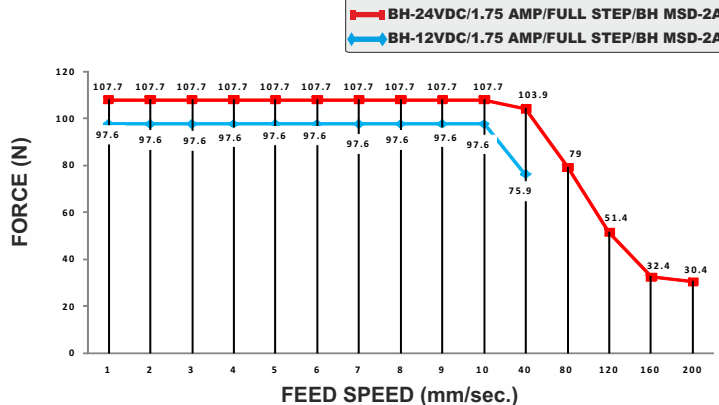
BH 42 SH 47- 1704 LA(250/300/450) (TR8X8)

MODEL		Bipolar
1	Rated Voltage	V 2.8
2	Current / Phase	A 1.7
3	Resistance / Phase	± 10% Ω 1.7
4	Inductance / Phase	± 20% mH 2.5
5	Holding Torque	N m 0.44
6	Rotor Inertia	G-CM ² 91.03
7	Weight	KG. 0.475
8	No of Lead	N ^o 4
9	Operating Voltage	VDC 12 - 24
10	Linear Step size - 40 micron per full step	

Wiring Diagram



DRIVE SET



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